



Twisted 5

by Ken Michalek

Gemology Online Faceting Design Competition 2014

Cutthroat Entry 9

Angles for R.I. = 1.540

31 + 5 girdles = 36 facets

5-fold radial symmetry

45 index

$L/W = 1.054$ $T/W = 0.398$ $U/W = 0.386$

$P/W = 0.450$ $C/W = 0.098$

$Vol./W^3 = 0.158$

PAVILION

P1	47.85°	45-09-18-27-36	Cut to centerpoint.
G1	90.00°	45-09-18-27-36	Set stone size.
P2	45.85°	08.9-17.9-26.9-35.9-44.9	Meet P1, G1
P3	43.85°	08.7-17.7-26.7-35.7-44.7	Meet P1, P2

CROWN

C1	20.83°	45-09-18-27-36	Set girdle width.
C2	18.75°	00.3-09.3-18.3-27.3-36.3	Meet G1, C1
C3	17.41°	00.5-09.5-18.5-27.5-36.5	Meet C1, C2
T	0.00°	Table	Meet C2, C3

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